



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

70506-353

Date of Issuance:

10/24/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

UP-Stage 3CS

Name and Address of Registrant (include ZIP Code):

UPL NA Inc
630 Freedom Business Center
King of Prussia, PA 19406

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Erik Kraft, Product Manager 24
Fungicide and Herbicide Branch,
Registration Division (7505P)

Date:

10/24/19

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 70506-353.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/11/2019

If you have any questions, please contact Manjula Unnikrishnan by phone at 703-347-8520, or via email at unnikrishnan.manjula@epa.gov .

Clomazone	Group	13	Herbicide
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UP-STAGE® 3CS

HERBICIDE

NOT FOR SALE OR USE IN CALIFORNIA

For Agricultural or Commercial Use Only. For control of weeds on, Brassica Head and Stem Subgroup 5-16, Cottonseed Subgroup 20C, Cucurbit Vegetables Crop Group 9, Peas (Southern), Peas (Succulent), Peppermint (Tops), Peppers, Rhubarb, Rice, Stalk and Stem Vegetable Subgroup 22A, Snap Beans (Succulent), Soybeans, Spearmint (Tops), Sugarcane, Tobacco, Tuberous and Corm Vegetables Subgroup 1D, and Vegetable Soybean (Edamame)

[note regarding optional text: UPL reserves the right to list some, all, or none of the applicable specific crop names on its commercial label according to what crops the product is marketed for]

Active Ingredient:	By Wt.
Clomazone: 2-(2-Chlorophenyl)methyl-4, 4-dimethyl-3-isoxazolidinone	31.1%
Other Ingredients:	68.9%
	<u>100.0%</u>

Contains 3.0 pounds of active ingredient per gallon

EPA Reg. No. 70506-_____

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

A C C E P T E D

10/24/2019

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 70506-353

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor. For emergency medical treatment, contact the Rocky Mountain Poison and Drug Center at 1-866-673-6671.

For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300

UPL NA Inc
630 Freedom Business Center
King of Prussia, PA 19406

Net Contents: _____ gallons

*[optional wording for use on commercial labeling; location on printed labels may vary:
"See inside for additional Precautionary Statements and complete Directions for Use";
"See attached booklet for additional Precautionary Statements and complete Directions For Use";
"See containers inside for additional Precautionary Statements and complete Directions For Use".]*

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals) CAUTION

Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment:

Applicators and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves; including Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Viton; Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

DO NOT apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift from the area treated. **DO NOT** apply where runoff is likely to occur. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as specified on this label.

NON-TARGET ORGANISM ADVISORY

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Physical/Chemical Hazards

DO NOT use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product by air unless allowed by state-specific labeling. **DO NOT** apply through any type of irrigation system.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls; Chemical-resistant gloves; such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Viton; Shoes plus socks.

WEED RESISTANCE MANAGEMENT

Mode of action

UP-STAGE 3CSherbicide contains the active ingredient clomazone, an isoxazolidinone herbicide, which acts to inhibit pigment synthesis in the plant chloroplast as a Group 13 herbicide. It is quickly taken up by the roots and shoots to block plant chlorophyll to control susceptible germinating seedlings before or soon after they emerge from the soil.

Any weed population may contain or develop plants naturally resistant to UP-STAGE 3CS and other Group 13 herbicides. Weed species with acquired resistance to Group 13 may eventually dominate the weed population if Group 13 herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of UP-STAGE 3CS or other Group 13 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field. Whenever possible incorporate multiple weed control practices such as mechanical cultivation, biological management practices, and crop rotation.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g. higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Fields should be scouted before and after application to identify the weed species present and their growth stage to determine if the intended application will be effective. Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product and switch to another management strategy or herbicide with a different mode of action (MOA), if available. Treat weed escapes with an herbicide with a different MOA or use non-chemical methods to remove escapes. To the extent possible do not allow weed escapes to produce seeds, roots, or tubers.
- Contact your local extension specialist, certified crop advisors, and/or manufacturer for additional herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes. Report any incidence of non-performance of this product against a particular weed species to your retailer or UPL NA representative.

MIXING AND HANDLING INSTRUCTIONS FOR BULK/MINI-BULK CONTAINERS

110 and 120 Gallon Compack Containers

Equipment Requirements:

UP-STAGE 3CS is a microencapsulated herbicide and requires a diaphragm type pump in order to maintain product quality. **DO NOT use gear or piston-type pumps.** Bulk/Minibulk containers have been prefitted with a Scienco DD6 diaphragm type pump for recirculation and dispensing of product.

Dispensing Instructions:

When ready to dispense UP-STAGE 3CS from the Compack, the applicator must recirculate the product in the container, if the product has settled or separated, for approximately 5 minutes or until the product is thoroughly turned over. The Scienco DD6 pump is equipped with recirculation capability. This allows for quick and efficient mixing of product which may have separated or settled in storage. To recirculate, press down the bypass pushrod lever to the locked position (slid under the motor) and turn on the motor. The discharge ball valve at the end of the hose must be closed before turning on the motor. Once the product is thoroughly recirculated the applicator may then begin the process of dispensing UP-STAGE 3CS into the spray tank, loading or mixing system.

250 Gallon Bulkdrum III Containers

Equipment Requirements:

UP-STAGE 3CS is a microencapsulated herbicide and requires a diaphragm type pump in order to maintain product quality. **DO NOT use gear or piston-type pumps.** The following pumps are suitable for moving UP-STAGE 3CS from the 250 gallon Bulkdrum into spray tanks, mixing systems, or dedicated repackaging minibulk tanks*:

Tuthill Fill-Rite Chemtraveller portable transfer pump

Scienco Caddy-SS portable transfer pump

Scienco DD6 pump

Tuthill Fill-Rite Series 400 diaphragm pumps

Dispensing Instructions:

When ready to dispense UP-STAGE 3CS from the Bulkdrum, the dealer/applicator must recirculate the product in the container, for at least 15 minutes. This can be done by hooking a portable pump such as listed above to the bottom bung, opening the valve and directing the outlet nozzle into the 6" top port (seal must be broken). Directing the nozzle stream into the corners will ensure more complete turning of the product volume. Once the product is thoroughly circulated, the dealer/applicator may then begin the process of dispensing UP-STAGE 3CS into the dedicated repackaging minibulk container(s)*, or spray tank, loading or mixing system. Rinse the empty Bulkdrum container and transfer the rinsate directly to the mix or spray tank.

* Any dealer wishing to repackage UP-STAGE 3CS must comply with all Federal, State and local laws pertaining to bulk herbicide handling and possess a signed repackaging agreement from UPL NA.

RESTRICTIONS

- **DO NOT** use gear or piston-type pumps
- **DO NOT** apply this product by air or through irrigation equipment.
- **DO NOT** apply UP-STAGE 3CS herbicide to non-field areas including fence rows, waterways, ditches, and roadsides.
- When moving spray equipment to noncontiguous sites, do not allow spray solution to spray or drip from tanks, hoses, fittings or spray nozzles and tips.
- **DO NOT** apply when weather conditions favor drift.
- **Off-site movement of spray drift or vapors of UP-STAGE 3CS herbicide can cause foliar whitening or yellowing of some plants. Prior to making applications, read and strictly follow all precautions and instructions in the APPLICATION DIRECTIONS, MANDATORY SPRAY DRIFT and SPRAY DRIFT ADVISORIES sections.**

MANDATORY SPRAY DRIFT

Aerial Applications

- Do not release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- Do not apply during temperature inversions.

Ground Boom Applications

- User must only apply with the nozzle height recommended by the manufacturer, but not more than 4 feet above the ground or crop canopy.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume – increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

Adjust Nozzles – follow manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boom-less Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

BUFFERS

Do not apply within 300 feet of downwind crops and other desirable non-target organisms, except vegetable crops registered for use on the UP-STAGE 3SC herbicide label.

Do not apply within 1200 feet of towns and housing developments, commercial fruit, nut, or vegetable production (except for vegetable crops registered for use on the UP-Stage herbicide label), commercial greenhouses or nurseries

APPLICATION DIRECTIONS

IMPORTANT

FAILURE TO OBSERVE THE DIRECTIONS IN THIS SECTION OF THE LABEL MAY RESULT IN INJURY TO 3 PLANTS

- The microencapsulation of clomazone, the active ingredient in UP-STAGE 3CS, is intended to minimize movement away from the site of application. Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing, or when temperature inversions exist. Leave an adequate buffer zone between the area to be treated and desirable plants. Foliar contact with spray drift or vapors may cause foliar whitening or yellowing of sensitive plants. Symptoms are generally temporary in nature, but may persist on some plant species.

Application restrictions must be taken as follows:

- Observe all buffer restrictions.
- Before application, determine air movement and direction.

Refer to crop use directions for additional requirements.

ROTATIONAL CROPPING PRECAUTIONS

Under some conditions, temporary whitening or yellowing of leaves may occur on approved rotational crops where undesirable soil residues of UP-STAGE 3CS exist.

Under abnormal conditions, carryover injury to rotational crops can occur. The following factors can contribute to increased risk of injury to rotational crops:

- 1) Over-application resulting from use of worn nozzles, excessive over-lapping of spray swaths, failing to shut off spray booms when turning (end row areas), or slowing or stopping sprayer.
- 2) Soil with pH less than or equal to 5.9.
- 3) Extreme dryness in the four months following application.
- 4) Choice of rotational crop hybrid.

Additional instructions to prevent rotational crop injury may be provided in the form of service bulletins for locations where risk of injury is significantly increased due to extremely dry conditions.

Refer to Rotational Crop Instructions and Replanting Instructions of specific crops for additional crop planting information.

SPRAYER CLEANUP

DO NOT drain or flush equipment on or near desirable trees or other plants, or in areas where their roots may extend or in locations where the chemical may be washed or move into contact with their roots. **DO NOT** contaminate any body of water including irrigation water that may be used on other crops. Carefully follow sprayer clean-up instructions noted below to prevent spray tank residues from damaging other crops.

Thoroughly rinse sprayer equipment to remove residues of herbicide that might injure other subsequently sprayed crops. Follow the steps below for the thorough rinsing of spray equipment following applications of UP-STAGE 3CS herbicide or tank mixes of UP-STAGE 3CS with other labeled products.

- 1) Drain any remaining spray solution from tank, pump, hoses and boom and discard in an approved manner (See Note that follows).
- 2) Clean tank and fittings by:
 - Thoroughly hosing down the inside walls of the spray tank with a quantity of water equal to 1/8 of the total tank capacity and operating the pump to circulate this solution through the sprayer system for 15 minutes.
 - Washing down the outside surfaces of equipment.
 - Removing nozzle tip and screen from end nozzle in each boom section and allowing several gallons of rinsate solution to flush completely through boom (collect rinsate while flushing).
- 3) Thoroughly drain remaining rinsate solution from tank, pump and hoses. Combine with boom flushing and dispose of all rinsates from this first rinsing in an approved manner (see Note that follows).
 - When switching from water dilutions to applications utilizing crop oil or liquid fertilizer as a carrier, flush a small volume of crop oil or liquid fertilizer through the tank, pump, hoses, and boom prior to the next use. Dispose of crop oil or liquid fertilizer rinsate in an approved manner (see Note for local, state and federal guidelines).
- 4) Remove the remaining nozzle tips, and screens and the line filter and wash in a pail of warm soapy water, thoroughly rinse and replace.
- 5) Hose down the inside walls of the spray tank a second time and circulate this solution using the same procedure as noted in #2 above.
- 6) If the next use of the sprayer will be for applying a pre-emergent or preplant incorporated pesticide on any crop for which UP-STAGE 3CS is registered, rinsate from this second rinsing may be utilized by diluting with the water for the next pesticide load;

HOWEVER

If the next use of the sprayer will be a post-emergence applied pesticide on any crop, drain rinsate solution from this second rinsing. Retain rinsate solution for use only with a soil incorporated pesticide to be applied on a crop for which UP-STAGE 3CS is registered. Refill tank (after draining second rinsate solution) in accordance with post-emergence product label directions.

NOTE: Dispose of excess spray mixture and/or *rinsate from first tank rinsing* by application to cropland as described on this label. If excess spray mixture and/or *rinsate from first rinsing* cannot be disposed of according to label instructions, dispose of in compliance with local, state and federal guidelines. Contact your state pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance.

MIXING INSTRUCTIONS

Care must be taken when mixing UP-STAGE 3CS herbicide. Avoid mixing in areas adjacent to desirable plants.

UP-STAGE 3CS Alone: Mix UP-STAGE 3CS with water or liquid fertilizer in the following manner: Fill the spray tank one-half to three-fourths full with water or liquid fertilizer, add the proper amount of UP-STAGE 3CS, then add the rest of the water or liquid fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.

Tank Mixtures: Fill spray tank one-fourth- ¼ to one-third 1/3 full with water; with agitator operating add the specified amount of ingredients using the following order: dry formulations (e.g., wettable powders, dry flowables) first, liquid suspensions (e.g., flowables) next and finally liquids (e.g., EC's). Mix thoroughly and fill tank one-half full continuing agitation. Add UP-STAGE 3CS herbicide to tank while maintaining agitation. Complete filling the sprayer tank with water. Where use of a surfactant is indicated, add as the last

ingredient to the spray tank. Maintain agitation during filling, mixing and application. When using drift reducing agents, follow specific product label instructions for order of addition to spray tank.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Fertilizer Spray Mixtures: Applications of UP-STAGE 3CS alone, or with indicated tank mixtures, in conjunction with fertilizer solutions may be used unless use directions specifically state otherwise. Test small quantities for compatibility by the following procedure before mixing tank full quantities.

- 1) Put 1 pint of fertilizer solution in a quart jar.
- 2) Add the appropriate amount of herbicide based on the table below. If more than one product is to be used, add each separately using the following sequence: dry formulations (e.g., wettable powders, dry flowables) first, liquid suspensions (e.g., flowables) next and finally liquids (e.g., EC's).

Herbicide	Rate/Acre	Amount To Be Added Per Pint of Fluid Fertilizer*
Wettable Powders or Dry Flowables (Dry Granules)	1/2 pound	3/4 level teaspoon
	1 pound	1 1/2 level teaspoons
	2 pounds	3 level teaspoons
	3 pounds	4 1/2 level teaspoons
Emulsifiable Concentrates or Flowables	1 pint	1/2 level teaspoon
	1 quart	1 level teaspoon
	2 quarts	2 level teaspoons
	3 quarts	3 level teaspoons

* Based on a spray volume of 25 gpa. For lower or higher spray volumes, adjust fluid fertilizer quantity accordingly.

- 3) Close jar and shake well.
- 4) Watch mixture for several seconds, again in 5 minutes and again after 30 minutes. If herbicide/fertilizer combination remains mixed or can be remixed readily (i.e., does not permanently separate, foam, gel or become lumpy), the mixture is compatible and can be mixed in full volumes and sprayed. If the mixture is compatible, prepare spray by adding fertilizer solution to the tank first, then follow directions noted below:
 - 1) **UP-STAGE 3CS Alone:** Dilute with 2 parts of water and add slowly to spray tank of fertilizer with agitator running. Maintain agitation during application.
 - 2) **UP-STAGE 3CS plus Tank Mixtures:** Dilute with two (2) parts of water, then add to the spray tank of fertilizer, while maintaining agitation, using the following order—slurry of dry formulations (wetable powders, dry flowables) first, diluted liquid formulations (EC's, flowables) second. Continue agitation during application.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

APPLICATION INSTRUCTIONS

Ground Applications

Broadcast or Banded Applications: Apply UP-STAGE 3CS alone or in tank mix combinations by ground equipment using a finished spray volume of 10 to 40 gallons of water per acre. For UP-STAGE 3CS tank

mixtures with wettable powder or dry flowable formulations, use nozzle screens and strainers no finer than 50-mesh.

UP-STAGE 3 ME may be used as a pre-emergent soil surface applied treatment from 30 days before planting to just prior to crop emergence. If field conditions indicate the need for additional seedbed preparation, the use of equipment which will move the herbicide no deeper than 1 1/2 - 2" is acceptable.

Banded Applications—Calculate the rates and volumes required by using the following formulas:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Rate Per Acre} = \text{Band rate per acre}$$

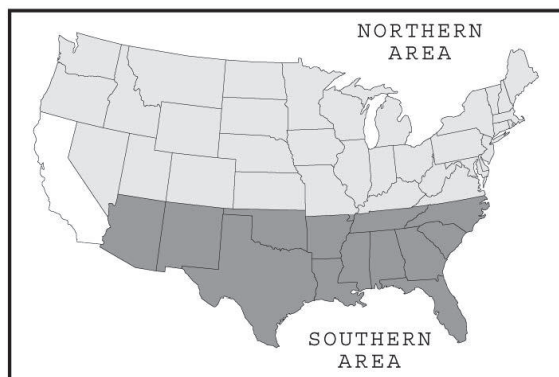
$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Volume Per Acre} = \text{Band volume per acre}$$

Cultivation After Planting

If cultivation is necessary because of soil crusting, compaction, or weed emergence, soil treated with UP-STAGE 3CS may be shallow-cultivated (no deeper than 1 1/2 - 2") or rotary-hoed without reducing the weed control activity of UP-STAGE 3CS. Avoid deep cultivation which may bring untreated soil to the surface and result in poor weed control.

UP-STAGE 3CS GEOGRAPHICAL AREAS

For Rates, Weed Control, and Crop Rotation



* Southern area includes Missouri bootheel which incorporates the following counties: Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott, and Stoddard.

COTTONSEED SUBGROUP 20C

PRODUCT INFORMATION

UP-STAGE 3CS Herbicide may be applied, as a pre-emergent banded or broadcast treatment in conventional tillage or conservation tillage systems for the control of annual grasses and broadleaf weeds in cotton.

REQUIREMENTS FOR PLANTING TIME APPLICATIONS

Failure to apply either disulfoton or phorate insecticides with UP-STAGE in accordance with in-furrow label use directions can result in crop phytotoxicity (bleaching) and/or stand reduction. Combinations of at planting systemic granular carbamate and organophosphate insecticides in conjunction with UP-STAGE 3CS may result in injury to cotton. Crop injury may occur with higher UP-STAGE 3CS rates on sandy soils. Plant injury may result if diuron is used at planting with UP-STAGE 3CS.

Refer to the insecticide product labels for appropriate in-furrow application directions and maximum use rates. Monitor application equipment to insure accurate and uniform placement of the insecticide.

PRE-EMERGENT BANDED APPLICATIONS

For pre-emergent banded treatments, refer to the directions for banded applications in the APPLICATION INSTRUCTIONS section.

REPLANTING INSTRUCTIONS

If the initial planting of cotton fails to produce a uniform stand, cotton may be replanted in fields treated with UP-STAGE 3CS alone. When tank mixing with a labeled product, refer to the replant instructions for that product. Where a tank mix is used, refer to the product's labels for any additional replant instructions.

If replanting is required follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS noted above.

UP-STAGE 3CS HERBICIDE APPLIED ALONE

RATES AND WEEDS CONTROLLED¹

1 1/3 PT. (0.50 LB AI) <u>GRASSES</u>	2.0 PT. (0.75 LB AI) <u>GRASSES</u>	2 2/3 PT. (1.0 LB AI) <u>GRASSES</u>	3 1/3 PT. (1.25 LB AI) <u>GRASSES</u>
Suppression of some annual grasses	Barnyardgrass Broadleaf Signalgrass Crabgrass —Large —Smooth Foxtail —Giant —Green Goosegrass Panicum —Common —Fall —Texas Seedling Johnsongrass Field Sandbur*	All grasses controlled at 2.0 pints <i>plus</i> : Cupgrass —Southwestern —Woolly Field Sandbur Bermudagrass* Red Rice* Itchgrass ³	All grasses controlled at 2 2/3 pint <i>plus</i> : Foxtail —Purple —Robust —Yellow Junglerice* Shattercane* Wild Proso Millet*

UP-STAGE 3CS HERBICIDE APPLIED ALONE

RATES AND WEEDS CONTROLLED¹

1 1/3 ² PT. (0.50 LB AI) <u>BROADLEAVES</u>	2.0 PT. (0.75 L. AI) <u>BROADLEAVES</u>	2 2/3 PT. (1.0 LB AI) <u>BROADLEAVES</u>	3 1/3 PT. (1.25 LB AI) <u>BROADLEAVES</u>
Velvetleaf Spurred Anoda	Velvetleaf Spurred Anoda <i>plus</i> : Common Ragweed*	All broadleaves controlled at 2.0 pints <i>plus</i> : Cocklebur	All broadleaves controlled at 2 2/3 pint <i>plus</i> : Balloonvine*

	Jimsonweed* Lambsquarter Pennsylvania Smartweed* Prickly Sida Purslane Redweed Venice Mallow	Common Ragweed Dayflower Florida Beggarweed Florida Pusley Jimsonweed Kochia* Redvine* Tropic Croton Wild Poinsettia ⁴	Black Nightshade* Curly Dock Joint Vetch* Kochia Morningglory —Pitted Pennsylvania Smartweed Pigweed —Redroot* —Smooth*
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* Partially Controlled

¹ Use higher label rates (a minimum of 2 2/3 pints (1.0 lb ai)/A) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types. For fields that have previously been in conservation programs, use a minimum application rate of 3 1/3 pints (1.25 lb ai)/A for cocklebur or common ragweed control.

² For heavy weed pressure or heavy soils use 1 2/3 pints (0.62 lb ai)/A to control Velvet-leaf or Spurred Anoda.

³ For control of itchgrass, do not incorporate UP-STAGE 3CS. For high weed pressure and heavy soils use 3 1/3 pints (1.25 lb ai)/A.

⁴ Use In AR/LA/MS/TX/OK only—for high pressure and heavy soils use 3 1/3 pints (1.25 lb ai)/A.

UP-STAGE 3CS HERBICIDE MAY BE APPLIED WITH OTHER PREEMERGENT HERBICIDES REGISTERED FOR THESE USES ON COTTON.

UP-STAGE 3CS may be applied in combination with other herbicides registered for use in cotton to broaden the weed control spectrum. Refer to the labels of the other herbicides for additional information. Carefully observe all application directions, rotational crop restrictions and replanting instructions of each product’s label when using tank mixtures. Follow the most restrictive restrictions and instructions for all products used.

ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below. Refer to sections headed **Rotational Cropping Precautions**.

Note: When using UP-STAGE 3CS with other registered herbicides always refer to rotational restrictions and directions on the other product’s label.

1 1/3 PT (0.50 LB AI) <u>ANYTIME</u>	2.0 to 2 2/3 PT (0.75 to 1.0 LB AI) <u>ANYTIME</u>	3 1/3 PT (1.25 LB AI) <u>ANYTIME</u>
Cabbage (transplanted) Cotton* Peas Peppers Pumpkins (processing) Rice Soybeans Squash Sweet Potato Tobacco	Cotton* Peppers Rice Soybeans Squash (winter) (2.0 pt) Sweet Potato Tobacco Tuberous & Corm Veggies.	Cotton* Soybeans Sweet Potato Tobacco Tuberous & Corm Veggies.

Tuberous & Corm Veggies.		
<u>9 MONTHS</u>	<u>9 MONTHS</u>	<u>9 MONTHS</u>
All crops listed above <i>plus</i> : Cabbage (direct seeded) Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Potatoes Snap Beans Sorghum Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash (summer) Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Peppers Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u>	<u>12 MONTHS</u>	<u>12 MONTHS</u>
All crops	All crops	All crops

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

* Refer to the section “Requirements for Planting Time Applications” and “Replanting Instructions.”

COTTON RESTRICTIONS

- **DO NOT** apply more than 3 1/3 pts (1.25 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.
- Use the lowest possible boom height while maintaining a uniform spray pattern, in conjunction with nozzle type, size, operation pressure and volume that meet a droplet size classification of **coarse** or **greater**.
- Prior to application, adjacent properties must be checked, and spraying within 300 feet of desirable plants must be avoided.
- **DO NOT** allow livestock to graze on treated cotton forage or trash, or feed treated cotton forage or trash to livestock.
- **DO NOT** apply UP-STAGE 3CS Herbicide to cotton unless either disulfoton or phorate organophosphate insecticide is applied in-furrow with the seed at planting time at a minimum of 0.75 pound per acre of active ingredient.
- **DO NOT** reduce the application rate of the organophosphate insecticide when UP-STAGE 3CS herbicide is applied as a banded treatment.
- **DO NOT** apply UP-STAGE 3CS within 65 days of harvest.
- **DO NOT** incorporate UP-STAGE 3CS or use in a tank mixture with any herbicide that requires soil incorporation.

- **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP RESTRICTIONS on the UP-STAGE 3CS label.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

RICE

PRODUCT INFORMATION

UP-STAGE 3CS herbicide may be utilized as a surface broadcast treatment prior to weed emergence, for the control of annual grass weeds in dry-seeded rice.

PRE-EMERGENT SURFACE BROADCAST APPLICATIONS

UP-STAGE 3CS may be applied as a surface broadcast application 14 days prior to planting or up to 7 days after planting, but prior to weed emergence, using ground equipment in a minimum of 10 to 40 gallons of water per acre at the rate of 11 - 34 fl oz product (2/3 - 2 1/8 pints product, 0.25 - 0.8 lb. ai)/A depending upon the soil texture. Refer to table below for specific rates and weeds controlled. For heavy soils use the higher specified rate, otherwise less than desirable weed control may result.

For pre-emergent broadcast treatments, refer to the directions for broadcast applications in the APPLICATION INSTRUCTIONS section.

EARLY POSTEMERGENCE APPLICATIONS

UP-STAGE 3CS may be applied after planting as an early post-emergence treatment to rice through the five leaf stage to provide pre-emergence and residual control of grass weeds. Use ground equipment with nozzles that produce a course spray and a minimum of 10-40 gallons of water per acre. Refer to table below for specific rates and weeds controlled. For control of existing grass present at the time of application include a post-emergence herbicide registered for the control of grass species in rice. Consult post-emergence herbicide label for specific directions regarding use rates and stage of weeds and crop.

REPLANTING INSTRUCTIONS

If initial planting of rice fails to produce a uniform stand, rice may be replanted in fields treated with UP-STAGE 3CS. When tank mixing with a labeled product, refer to the replant instructions for that product. When a tank mix is used, refer to the product's label for any additional rotational crop instructions.

UP-STAGE 3CS Herbicide Applied Alone - Single Application Pre-mergence or Post-emergence

RATES AND WEEDS CONTROLLED

Soil Texture	Broadcast Rates Per Acre
Coarse (light) Soils: (sand, loamy sand, sandy loam)	11 - 14 fl oz product (0.25 – 0.33 l. ai)
Medium Soils: (loam, silt, silt loam, sandy clay, sandy clay loam)	17 – 21 fl oz product (0.4 - 0.5 lb ai)
Fine (heavy) Soils: (silty clay, clay loam, silty clay loam, clay)	21 – 34 fl oz product (0.5 – 0.8 lb ai)

* Select lower to higher rates based on lighter to heavier soils

<u>GRASSES</u>	
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Barnyardgrass (Watergrass)	<i>(Echinochloa crus-galli, E. colonum)</i>
Broadleaf signalgrass	<i>(Brachiaria platyphylla)</i>
Crabgrass (Large and Smooth)	<i>(Digitaria spp.)</i>
Panicum (Common, Fall, Texas)	<i>(Panicum spp.)</i>
Sprangletop	<i>(Leptochloa spp.)</i>

Partial weed control may result if levees are pulled after UP-STAGE 3CS has been applied. Additional use of labeled postemergence herbicide applications may be required.

SPLIT APPLICATIONS

Both pre-emergent surface broadcast applications and early post-emergence applications (out to the five leaf stage) of UP-STAGE 3CS may be made during the same season to control the above weeds as long as the total yearly application does not exceed 34 fl oz (0.8 lb ai) /A. Refer to the table below for specific rates.

UP-STAGE 3CS Herbicide Applied as Split Applications

Soil Texture	Pre-Emergent Application Broadcast Rates Per Acre	Post-Emergent Application Broadcast Rates Per Acre
Coarse (light) Soils: (sand, loamy sand, sandy loam)	11 fl oz product (0.25 lb ai)	9 – 11 fl oz product (0.2 - 0.25 lb ai)
Medium Soils: (loam, silt, silt loam, sandy clay, sandy clay loam)	13 – 15 fl oz product (0.3 – 0.35 lb ai)	11 – 13 fl oz product (0.25 – 0.3 lb ai)
Fine (heavy) Soils: (silty clay, clay loam, silty clay loam, clay)	17 to 21 fl oz product (0.4 to 0.5 lb ai)	13 – 17 fl oz product (0.3 to 0.4 lb ai)

PRECAUTIONS

Application of UP-STAGE 3CS herbicide to fields which have been precision leveled with deep cuts may result in rice crop injury including stand loss. Consult with rice specialists for soil amending practices which can reduce potential for herbicide injury in precision leveled fields.

ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below. Refer to section headed **Rotational Cropping Precautions**.

Note: When using UP-STAGE 3CS with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

2/3 to 2 1/8 pt (11 – 34 fl oz) (0.25 to 0.8 lb ai.)		
<u>ANYTIME</u>	<u>9 MONTHS</u>	<u>12 MONTHS</u>
Cotton*	All crops listed above plus:	All crops
Peas	Cotton	
Peppers	Corn (Field, Pop, Seed, Sweet)	
Pumpkins (processing)	Cucurbits	
Rice	Dry Beans	
Soybeans	Peanuts	
Squash	Potatoes	
Sweet Potatoes	Snap Beans	

Tobacco	Sorghum	
Tuberous and Corm Veg.	Sugar Beets	
	Tomatoes (Transplanted)	

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the section “Requirements for Planting Time Applications” and “Replanting Instructions.”

RICE RESTRICTIONS

- **DO NOT** use this treatment in water-seeded rice.
- **DO NOT** apply UP-STAGE 3CS on rice fields in which concurrent crayfish or catfish farming are included in the cultural practices.
- **DO NOT** use water containing UP-STAGE 3CS residues from rice cultivation to irrigate food or feed crops which are not registered for use with UP-STAGE 3CS.
- **DO NOT** apply more than 34 fl oz UP-STAGE 3CS (0.8 lb ai)/A per year or in a single application.
- **DO NOT** make more than two applications per year when using reduced application rates..
- **DO NOT** make more than one pre-emergent application.
- **DO NOT** make more than one post-emergent application after rice emergence up to five-leaf rice.
- **DO NOT** make a post-emergent application any sooner than 7 days following a pre-emergent application.
- **DO NOT** retreat fields with a second pre-emergent application of UP-STAGE 3CS.
- **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP INSTRUCTIONS on the UP-STAGE 3CS label.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

SOYBEANS

PRODUCT INFORMATION

UP-STAGE 3CS herbicide may be utilized as a pre-emergent soil applied treatment for the control of annual grass and broadleaf weeds in soybeans.

UP-STAGE 3CS herbicide may be tank mixed with other pre-emergent soybean herbicides to broaden the weed control spectrum compared to the products applied alone. UP-STAGE 3CS may be tank mixed with products registered for the same use and timing. Observe all directions, instructions, and rotational cropping restrictions of each product’s label when tank mixing, including all references to potential carryover and crop injury warnings or restrictions. Follow the most restrictive restrictions and instructions for all products used.

Water or liquid fertilizer may be used as a carrier for UP-STAGE 3CS when applied alone, or when tank mixed with the herbicides listed above, unless use directions specifically state otherwise.

It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

REPLANTING INSTRUCTIONS

If initial seeding of soybeans fails to produce a stand, soybeans may be replanted in fields treated with UP-STAGE 3CS alone (or with specified tank mixtures). When tank mixing with a labeled product, refer to the soybean replant instructions for that product.

Soybeans - Northern Area—See Map**UP-STAGE 3CS HERBICIDE APPLIED ALONE****RATES AND WEEDS CONTROLLED¹**

1 1/3 PT (0.50 LB. AI) <u>GRASSES</u>	2.0 PT (0.75 LB AI) <u>GRASSES</u>	2 2/3 PT (1.0 LB. AI) <u>GRASSES</u>
Suppression of some annual grasses	Barnyardgrass Crabgrass —Large —Smooth Field Sandbur Foxtail —Giant —Green —Robust —Yellow Goosegrass Panicum —Common —Fall —Texas Seedling Johnsongrass*	All grasses controlled at 2.0 pints <i>plus</i> : Bermudagrass* Broadleaf Signalgrass Cupgrass —Southwestern —Woolly* Seedling Johnsongrass Shattercane* Wild Proso Millet*

UP-STAGE 3CS HERBICIDE APPLIED ALONE**RATES AND WEEDS CONTROLLED¹**

1 1/3 PT.² (0.50 LB. AI) <u>BROADLEAVES</u>	2.0 PT. (0.75 LB AI) <u>BROADLEAVES</u>	2 2/3 PT. (1.0 LB. AI) <u>BROADLEAVES</u>
Velvetleaf Spurred Anoda	Velvetleaf Spurred Anoda <i>plus</i> : Common Ragweed* Galinsoga Jimsonweed* Lambsquarters Prickly Sida Purslane Smartweed* —Ladysthumb* —Pennsylvania* Venice Mallow	All broadleaves controlled at 2.0 pints <i>plus</i> : Black Seeded Plantain Cocklebur* Common Ragweed Jimsonweed Kochia Smartweed —Ladysthumb —Pennsylvania Tropic Croton

* Partially Controlled

¹ Use higher label rates (a minimum of 2 2/3 pints (1.0 lb ai) per acre) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types.

² For heavy weed pressure or heavy soils use 1 2/3 pints (0.62 lb ai)/A to control Velvetleaf or Spurred Anoda.

ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below. Refer to section headed **Rotational Cropping Precautions**.

NOTE: When using UP-STAGE 3CS with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

1 1/3 PT (0.50 LB AI) <u>ANYTIME</u>	2.0 PT (0.75 LB AI) <u>ANYTIME</u>	2 2/3 PT (1.0 LB AI) <u>ANYTIME</u>
Cabbage (transplanted) Cotton* Peas Peppers Pumpkins (processing) Rice Soybeans Squash Sweet Potato Tobacco Tuberous and Corm Veg.	Cotton* Peppers Rice Soybeans Squash (Winter) Sweet Potato Tobacco Tuberous and Corm Veg.	Cotton* Peppers Soybeans Sweet Potato Tobacco Tuberous and Corm Veg.

ROTATIONAL CROP RESTRICTIONS

<u>9 MONTHS</u>	<u>9 MONTHS</u>	<u>9 MONTHS</u>
All crops listed above <i>plus</i> : Cabbage (Direct Seeded) Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Potatoes Snap Beans Sorghum Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash (Summer) Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop) Cotton Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u>	<u>12 MONTHS</u>	<u>12 MONTHS</u>
All crops listed above <i>plus</i> : Tomatoes (all) Wheat	All crops listed above <i>plus</i> : Tomatoes (all) Wheat	All crops listed above <i>plus</i> : Corn (Seed and Sweet) Tomatoes (all)

		Wheat
<u>16 MONTHS</u>	<u>16 MONTHS</u>	<u>16 MONTHS</u>
All crops	All crops	All crops

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the Requirements for **Planting Time Applications** and **Replanting Instructions** in the Cotton Directions for Use section.

SOYBEAN RESTRICTIONS – Northern Area

- **DO NOT** apply more than 3 1/3 pts (1.25 lb ai)/A UP-STAGE 3CS per year or in a single application.
- **DO NOT** make more than one application of UP-STAGE 3CS per year.
- **DO NOT** allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Instructions on this label.
- Use the lowest possible boom height while maintaining a uniform spray pattern, in conjunction with nozzle type, size, operating pressure and volume that meet a droplet size classification of **coarse or greater**.
- Prior to application, adjacent properties must be checked, and spraying within 300 feet of desirable plants must be avoided.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

Soybeans - Southern Area—See Map

UP-STAGE 3CS HERBICIDE APPLIED ALONE

RATES AND WEEDS CONTROLLED¹

1 1/3 PT. (0.50 LB AI) <u>GRASSES</u>	2.0 PT. (0.75 LB AI) <u>GRASSES</u>	2 2/3 PT. (1.0 LB AI) <u>GRASSES</u>	3 1/3 PT. (1.25 LB AI) <u>GRASSES</u>
Suppression of some annual grasses	Barnyardgrass Broadleaf Signalgrass Crabgrass —Large —Smooth Foxtail —Giant —Green Goosegrass Panicum —Common —Fall —Texas Seedling Johnsongrass	All grasses controlled at 2.0 pints <i>plus</i> : Cupgrass —Southwestern —Woolly Field Sandbur Bermudagrass* Red Rice* Itchgrass ³	All grasses controlled at 2 2/3 pints <i>plus</i> : Foxtail —Purple —Robust —Yellow Junglerice* Shattercane* Wild Proso Millet*

	Field Sandbur*		
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UP-STAGE 3CS HERBICIDE APPLIED ALONE

RATES AND WEEDS CONTROLLED¹

1 1/3 PT. (0.50 LB AI) <u>BROADLEAVES</u>	2.0 PT. (0.75 LB AI) <u>BROADLEAVES</u>	2 2/3 PT. (1.0 LB AI) <u>BROADLEAVES</u>	3 1/3 PT. (1.25 LB AI) <u>BROADLEAVES</u>
Velvetleaf Spurred Anoda	Velvetleaf Spurred Anoda <i>plus:</i> Common Ragweed* Jimsonweed* Lambsquarter Pennsylvania Smartweed* Prickly Sida Purslane Redweed Venice Mallow	All broadleaves controlled at 2.0 pints <i>plus:</i> Cocklebur Common Ragweed Dayflower Florida Beggarweed Florida Pusley Jimsonweed Kochia* Redvine* Tropic Croton Wild Poinsettia ⁴	All broadleaves controlled at 2 2/3 pints <i>plus:</i> Balloonvine* Black Nightshade* Curly Dock Joint Vetch* Kochia Morningglory —Pitted Pennsylvania Smartweed Pigweed —Redroot* —Smooth* Prostrate Spurge

* Partially Controlled

¹ Use higher label rates (a minimum of 2 2/3 pints (1.0 lb ai)/A) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types. For fields that have previously been in conservation programs, use a minimum application rate of 3 1/3 pints (1.25 lb ai) per acre for cocklebur or common ragweed control.

² For heavy weed pressure or heavy soils use 1 2/3 pints (0.62 lb ai)/A to control Velvetleaf or Spurred Anoda.

³ For control of Itchgrass, do not incorporate UP-STAGE 3CS. For high weed pressure and heavy soils use 3 1/3 pints (1.25 lb ai)/A.

⁴ Use in AR/LA/MS/TX/OK only—for high pressure and heavy soils use 3 1/3 pints (1.25 lb ai)/A.

ROTATIONAL CROP RESTRICTIONS

Rotate to Crops as listed below. Refer to section headed **Rotational Cropping Precautions**.

NOTE: When using UP-STAGE 3CS with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

1 1/3 PT (0.50 LB AI) <u>ANYTIME</u>	2.0 to 2 2/3 PT (0.75 to 1.0 LB AI) <u>ANYTIME</u>	3 1/3 PT (1.25 LB AI) <u>ANYTIME</u>
Cabbage (transplanted) Cotton* Peas Peppers	Cotton* Peppers Rice Soybeans	Cotton* Soybeans Sweet Potato Tobacco

Pumpkins (processing) Rice Soybeans Squash Sweet Potato Tobacco Tuberous & Corm Veggies.	Squash (winter) (2.0 PT.) Sweet Potato Tobacco Tuberous & Corm Veggies.	Tuberous & Corm Veggies.
<u>9 MONTHS</u>	<u>9 MONTHS</u>	<u>9 MONTHS</u>
All crops listed above <i>plus</i> : Cabbage (direct seeded) Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Potatoes Snap Beans Sorghum Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash (summer) Sugar Beets Tomatoes (Transplanted)	All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Peppers Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u>	<u>12 MONTHS</u>	<u>12 MONTHS</u>
All crops	All crops	All crops

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the Requirements for **Planting Time Applications** and **Replanting Instructions** in the Cotton Directions for Use section.

SOYBEAN RESTRICTIONS – Southern Area

- **DO NOT** apply more than 3 1/3 pts (1.25 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application of UP-STAGE 3CS per year.
- **DO NOT** allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
- **DO NOT replant treated fields with** any crop at intervals which are inconsistent with the Rotational Crop Instructions on this label.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

UP-STAGE 3CS HERBICIDE APPLICATION FOLLOWED BY POST-EMERGENCE TREATMENTS

Post-emergence herbicides approved for use on soybeans may be applied following treatments of UP-STAGE 3CS alone or in tank mix combinations for control of emerged weeds as listed on the post-emergence product labels. Read and follow the precautionary statements, directions for use, rates of application and all other information appearing on the product labels.

SUGARCANE

PRODUCT INFORMATION

UP-STAGE 3CS herbicide may be utilized as a pre-emergent soil applied treatment for the control of annual grass and broadleaf weeds in sugarcane.

UP-STAGE 3CS may be used at rates of 2 2/3 to 3 1/3 pints (1.0 to 1.25 lb ai)/A on newly planted or ratoon sugarcane using ground equipment in a minimum of 10 to 40 gallons of water per acre. UP-STAGE 3CS may be applied in late summer or early fall to newly planted sugarcane and to newly planted or ratoon sugarcane as a pre-emerge in spring through layby.

UP-STAGE 3SC PRE-EMERGENT BANDED APPLICATION

For pre-emergent-banded treatments, refer to the directions for banded application in the Application Instructions section.

REPLANTING INSTRUCTIONS

If the initial planting of newly planted cane fails to produce a uniform stand sugarcane may be replanted in fields treated with UP-STAGE 3CS alone. When tank mixing with a labeled product, refer to the replant instructions for that product. Where a tank mix is used, refer to the product's labels for any additional replant instructions. Follow the most restrictive restrictions and instructions for all products used.

If replanting is required follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS noted above.

UP-STAGE 3CS HERBICIDE APPLIED ALONE

RATES AND WEEDS CONTROLLED¹

2 2/3 PT (1.0 LB AI) <u>GRASSES</u>	3 1/3 PT (1.25 LB AI) <u>GRASSES</u>
Barnyardgrass	All grasses controlled at 2 2/3 pints plus: Bermudagrass ¹ Foxtail —Purple —Robust —Yellow Junglerice* Shattercane* Wild Proso Millet*
Broadleaf Signalgrass	
Crabgrass	
—Large	
—Smooth	
Cupgrass	
—Southwestern	
—Woolly	
Field Sandbur	
Foxtail	
—Giant	
—Green	
Goosegrass	
Itchgrass ²	
Panicum	
—Common	
—Fall	
—Texas	
Red Rice*	
Seedling Johnsongrass	

2 2/3 PT (1.0 LB AI) <u>BROADLEAVES</u>	3 1/3 PT (1.25 LB AI) <u>BROADLEAVES</u>
Velvetleaf Spurred Anoda Cocklebur Common Ragweed Dayflower Florida Beggarweed Jimsonweed Kochia* Lambsquarter Pennsylvania Smartweed* Prickly Sida Purslane Redvine* Redweed Tropic Croton Venice Mallow Wild Poinsettia	All broadleaves controlled at 2 2/3 pint plus: Balloonvine* Black Nightshade* Curly Dock Joint Vetch* Kochia Morningglory —Pitted Pennsylvania Smartweed Pigweed —Redroot* —Smooth*

* Partially Controlled

¹ For Suppression, UP-STAGE 3CS at 3 1/3 pts (1.25 lb ai)/A applied immediately after planted sugarcane in late summer and early fall has been effective in delaying Bermudagrass reestablishment.

² For control of Itchgrass, do not incorporate UP-STAGE 3CS. For heavy weed population and heavy soils use 3 1/3 pints (1.25 lb ai)/A.

UP-STAGE 3CS HERBICIDE MAY BE APPLIED WITH OTHER PRE-EMERGENT HERBICIDES REGISTERED FOR USE IN SUGARCANE.

UP-STAGE 3CS may be applied in combination with other herbicides registered for use in sugarcane. Refer to the labels of the other herbicides for additional information. Carefully observe all application directions, rotational crop restrictions and replanting instructions of each product’s label when using tank mixtures. Follow the most restrictive restrictions and instructions for all products used.

It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below, otherwise crop injury may occur. Refer to sections headed **Rotational Cropping Precautions** and **Product Information**.

Note: When using UP-STAGE 3CS with other registered herbicides always refer to rotational restrictions and directions on the other product’s label.

2 2/3 PT. (1.0 LB AI)	3 1/3 PT. (1.25 LB AI)
<u>ANYTIME</u> Cotton* Peppers Soybeans Sugarcane Sweet Potato Tobacco	<u>ANYTIME</u> Cotton* Sugarcane Soybeans Sweet Potato Tobacco Tuberous & Corm Veggies.

Tuberous & Corm Veggies.	
<u>9 MONTHS</u> All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)	<u>9 MONTHS</u> All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Dry Beans Peanuts Peas Peppers Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u> All crops	<u>12 MONTHS</u> All crops

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the **section Requirements for Planting Time Applications** and **Replanting Instructions** in the cotton directions for use section.

SUGARCANE RESTRICTIONS

- **DO NOT** apply more than 3 1/3 pts (1.25 lb ai)/A of UP-STAGE 3CS in a single year or in a single application.
- **DO NOT** make more than one application of UP-STAGE 3CS per year.
- **DO NOT** apply aerially or through irrigation equipment.
- **DO NOT** allow livestock to graze on treated sugarcane forage or trash, or feed treated sugarcane forage or trash to livestock.
- **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the **ROTATIONAL CROP RESTRICTIONS** on the UP-STAGE 3CS label.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.
- **DO NOT** apply UP-STAGE 3CS within 120 days prior to harvest on sugarcane for milling.

TOBACCO

PRODUCT INFORMATION

UP-STAGE 3CS herbicide may be utilized as a soil applied treatment prior to weed emergence, for the control of annual grass and broadleaf weeds in tobacco.

PRE-EMERGENCE (Prior to Transplant)

Make a single broadcast application in a minimum of 20 gallons of water per acre at the rate of 2.0 to 2 2/3 pts (0.75-1.0 lb ai)/A. For heavy weed pressure or heavy soils use the higher specified rate, otherwise less than desirable weed control may result.

Apply immediately before, or up to 30 days prior to, transplanting. Apply as a surface treatment prior to emergence of weeds. If weeds emerge before pre-emergence application can be made, cultivate before or immediately preceding treatment. If field conditions indicate the need for additional seedbed preparation, the use of equipment which will move the herbicide no deeper than 1 1/2 - 2" is acceptable.

PRE-EMERGENCE (Post Transplant)

Make a single broadcast application in a minimum of 20 gallons of water per acre at the rate of 2.0 to 2 2/3 pints (0.75-1.0 lb ai)/A. For heavy weed pressure or heavy soils use the higher specified rate, otherwise less than desirable weed control may result. Apply no more than once per year using a maximum rate of 2 2/3 pints (1.0 lb. ai)/A. Apply over-the-top of tobacco plants immediately, or up to 7 days after, transplanting but prior to emergence of weeds. If weeds emerge before application can be made, cultivate before or immediately preceding treatment.

UP-STAGE 3CS HERBICIDE APPLIED IN COMBINATIONS FOR TOBACCO

UP-STAGE 3CS herbicide may be tank mixed with other herbicides registered for use on tobacco to broaden the weed control spectrum compared to the products applied alone. UP-STAGE 3CS, or UP-STAGE plus other tobacco herbicides, may also be tank mixed with other tobacco insecticides, fungicides and/or nematicides. When applying mixtures of UP-STAGE 3CS plus other tobacco pesticides, observe all cautions and limitations appearing on the label of each product. Observe all application directions, rotational crop restrictions and replanting instructions of each products label when using tank mixes. Follow the most restrictive restrictions and instructions for all products used. Water or liquid fertilizer may be used as a carrier for UP-STAGE 3CS when applied alone, or when tank mixed with other tobacco pesticides unless use directions specifically state otherwise. Refer to Mixing Instructions for tank mixing information.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

TOBACCO REPLANTING INSTRUCTIONS

If initial transplanting fails to produce a uniform stand, tobacco may be replanted in a field treated with UP-STAGE 3CS alone. When tank mixing with a labeled product, refer to the replant instructions for that product. Where a tank mix is used refer to the product(s) labels for any additional replant instructions.

UP-STAGE 3CS HERBICIDE APPLIED ALONE RATES AND WEEDS CONTROLLED

Weeds controlled (by rate) are as listed under Soybean for Northern and Southern areas.

TOBACCO ROTATIONAL CROP RESTRICTIONS

2 2/3 PT (1.0 LB. AI)	3 1/3 PT (1.25 LB. AI)
<u>ANYTIME</u> Cotton* Peppers Soybeans Sugarcane Sweet Potato Tobacco Tuberous & Corm Veggies.	<u>ANYTIME</u> Cotton* Sugarcane Soybeans Sweet Potato Tobacco Tuberous & Corm Veggies.
<u>9 MONTHS</u> All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton	<u>9 MONTHS</u> All crops listed above <i>plus</i> : Cabbage Corn (Field, Pop, Seed, Sweet) Cotton

Cucurbits Dry Beans Peanuts Peas Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)	Cucurbits Dry Beans Peanuts Peas Peppers Potatoes Pumpkins (processing) Rice Snap Beans Sorghum Squash Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u> All crops	<u>12 MONTHS</u> All crops

Cover crops may be planted anytime but stand reductions may occur in some areas.

TOBACCO RESTRICTIONS

- **DO NOT** make more than one application of UP-STAGE 3CS per year.
- **DO NOT** use on Tobacco Seedling Beds.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Restrictions on the UP-STAGE label.
- **DO NOT** apply more than 2 2/3 pts (1.0 lb ai)/A per year or in a single application.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

VEGETABLE CROPS

PRODUCT INFORMATION

Before applying UP-STAGE 3CS on vegetable crops, users, growers and/or applicators must review the VEGETABLE DIRECTIONS found in the TERMS OF SALE OR USE section at the end of this label.

UP-STAGE 3CS herbicide may be utilized as a soil applied treatment prior to weed emergence, for suppression or control of annual grass and broadleaf weeds. Refer to Weeds Controlled table in the Vegetable Crops section for specific weeds.

Make a single herbicide application in a minimum of 10 gallons of water per acre at the rate(s) specified in the individual crop listings hereafter. Apply as a pre-emergent soil applied treatment prior to seeding or transplanting, or after seeding but prior to crop emergence. Place seed, or roots of the transplants, below the chemical barrier when planting.

UP-STAGE 3CS herbicide may be tank mixed with other herbicides registered for use on vegetables to broaden the weed control spectrum compared to the products applied alone. When applying mixtures of UP-STAGE 3CS plus other vegetable herbicides, observe all cautions and limitations appearing on the labels of each product. Observe all application precautions, use directions, rotational crop restrictions and replanting instructions of each product's label when using tank mixes. Follow the most restrictive restrictions and instructions for all products used. Water or liquid fertilizer may be used as a carrier for UP-STAGE 3CS when applied alone, or when tank mixed with other vegetable herbicides unless use directions specifically state otherwise.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each

product in the tank mixture.

VEGETABLE PRECAUTIONS

- Place seeds or roots of the transplants below the chemical barrier when planting.
- Temporary whitening and/or yellowing of the treated crop may occur.
- Under drought conditions where rainfall has not sufficiently activated and moved UP-STAGE 3CS through the soil profile, certain irrigation systems may allow the crop to grow to maturity and not activate UP-STAGE 3CS. Crop symptomology may occur late in the season under heavy rainfall situations reactivating UP-STAGE 3CS that was on the soil surface.
- Certain crop varieties may have potential for injury or loss due to use of this herbicide. Consult your agricultural experiment station, or other qualified crop advisors for information pertaining to crop varieties grown in your area.

WEEDS CONTROLLED

<p>RATE/ACRE 0.4 to 1 pint (0.15 - 0.38 LB. ai)</p>	<p>RATE/ACRE 1 to 1 1/3 pints (0.38 - 0.5 LB. ai)</p>	<p>RATE/ACRE 1 1/3 to 3/ 1/3 pints (0.5 - 1.25 LB. ai)</p>
<p><u>GRASSES</u> Barnyardgrass* Crabgrass* —Large —Smooth Foxtail* —Giant —Green —Robust Goosegrass* Panicum* —Common —Fall</p>	<p><u>GRASSES</u> Barnyardgrass* Crabgrass* —Large —Smooth Field Sandbur* Foxtail —Giant —Green —Robust Goosegrass Panicum —Common —Fall Seedling Johnsongrass*</p>	<p><u>GRASSES</u> Barnyardgrass Crabgrass —Large —Smooth Field Sandbur Foxtail —Giant —Green —Robust —Yellow Goosegrass Panicum —Common —Fall Seedling Johnsongrass**</p>
<p><u>BROADLEAVES</u> Galinsoga spp.* Lambsquarters* Spurred Anoda* Velvetleaf*</p>	<p><u>BROADLEAVES</u> Galinsoga spp.* Lambsquarters* Prickly Sida* Spurred Anoda Velvetleaf Venice Mallow*</p>	<p><u>BROADLEAVES</u> Velvetleaf Spurred Anoda Common Ragweed** Galinsoga Jimsonweed** Lambsquarters Prickly Sida Purslane Smartweed** Venice Mallow</p>

- * Suppression/Partially Controlled

- ** Controlled at 1-1.25 lb ai/A

VEGETABLE ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below. Refer to sections headed **Rotational Cropping Precautions** and **Product Information**.

NOTE: When using UP-STAGE 3 ME with other herbicides registered for vegetables always refer to rotational restrictions and directions on the other product’s label.

0.4 to 2/3 pints (0.15 to 0.25 LB AI)	1.0 pint (0.38 LB AI)	1 1/3 pints (0.5 LB AI)
<u>ANYTIME</u> Snap Beans (succulent) Cabbage (all) Cotton* Cucurbits Peas Peppers Rice Soybeans Sweet Potatoes Tobacco Tuberous & Corm Veggies.	<u>ANYTIME</u> Cabbage (transplant) Cotton* Cucurbits Peas Peppers Rice Soybeans Sweet Potatoes Tobacco Tuberous & Corm Veggies.	<u>ANYTIME</u> Cabbage (transplant) Cotton* Peas Peppers Rice Soybeans Sweet Potatoes Tobacco Tuberous & Corm Veggies.

VEGETABLE ROTATIONAL CROP RESTRICTIONS

<u>9 MONTHS</u> All crops listed above <i>plus</i> : Beans (dry) Corn (Field, Pop, Seed, Sweet) Cotton Peanuts Potatoes Sorghum Sugar Beets Tomatoes (Transplanted)	<u>9 MONTHS</u> All crops listed above <i>plus</i> : Beans (succulent & dry) Cabbage (direct seeded) Corn (Field, Pop, Seed, Sweet) Cotton Peanuts Potatoes Sorghum Sugar Beets Tomatoes (Transplanted)	<u>9 MONTHS</u> All crops listed above <i>plus</i> : Beans (succulent & dry) Cabbage (direct seeded) Corn (Field, Pop, Seed, Sweet) Cotton Cucurbits Peanuts Potatoes Sorghum Sugar Beets Tomatoes (Transplanted)
<u>12 MONTHS</u> All crops listed above <i>plus</i> : Tomatoes (direct seeded) Wheat	<u>12 MONTHS</u> All crops listed above <i>plus</i> : Tomatoes (direct seeded) Wheat	<u>12 MONTHS</u> All crops listed above <i>plus</i> : Tomatoes (direct seeded) Wheat
<u>16 MONTHS</u> All crops	<u>16 MONTHS</u> All crops	<u>16 MONTHS</u> All crops

VEGETABLE ROTATIONAL CROP RESTRICTIONS

2.0 pints (0.75 LB AI)	2 2/3 to 3 1/3 pints (1.0 to 1.25 LB AI)	4.0 pints (1.5 LB AI)
<u>ANYTIME</u> Cotton* Peppers Rice Soybeans Squash (winter) Sweet Potatoes Tobacco Tuberous & Corm Veggies.	<u>ANYTIME</u> Cotton* Peppers (2.67 pt.) Soybeans Sweet Potatoes Tobacco Tuberous & Corm Veggies.	<u>ANYTIME</u> Sweet Potatoes
<u>9 MONTHS</u> All crops listed above <i>plus</i> : Those listed under 9 months at 1.3 pints <i>plus</i> : Cabbage (transplant) Peas Rice	<u>9 MONTHS</u> All crops listed above <i>plus</i> : Those listed under 9 months at 1.3 pints and 2.0 pints except: Corn (Seed, Sweet)	<u>9 MONTHS</u> Those listed under 9 months at 1.3 pints and 2.0 pints except: Corn (Seed, Sweet) <i>plus</i> : Cotton Peppers Soybeans Sweet Potatoes Tobacco Tuberous & Corn Veggies.
<u>12 MONTHS</u> All crops listed above <i>plus</i> : Tomatoes (direct seeded) Wheat	<u>12 MONTHS</u> All crops listed above <i>plus</i> : Corn (Seed, Sweet) Tomatoes (direct seeded) Wheat	<u>12 MONTHS</u> All crops listed above <i>plus</i> : Tomatoes (direct seeded) Corn (Seed, Sweet)
<u>16 MONTHS</u> All crops	<u>16 MONTHS</u> All crops	<u>16 MONTHS</u> All crops

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the **Requirements for Planting Time Applications** and **Replanting Instructions** in the Cotton Directions for Use section.

VEGETABLE RESTRICTIONS

- Off-site movement of spray drift or vapors of UP-STAGE 3CS herbicide can cause foliar whitening or yellowing of some plants. Prior to making applications, read and strictly follow all restrictions and application instructions on this label.
- Prior to application, adjacent properties must be checked, and spraying within 300 feet of desirable plants must be avoided.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.
- **DO NOT** allow livestock to graze on treated vines or feed treated vines or vine trash to livestock.

STALK AND STEM VEGETABLE SUBGROUP 22A

Including asparagus, fennel, and kohlrabi

[optional headers for this section include any combination of the names of crops listed in Crop Group 22a]

[note regarding optional text: UPL reserves the right to list some, all, or none of the applicable specific crop names on its commercial label]

UP-STAGE 3CS herbicide may be applied as a soil applied treatment prior to weed emergence for suppression or control of annual grass and broadleaf weeds in asparagus. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section on the packaging label.

Apply 2 2/3 pints of UP-STAGE 3CS (1.0 lb ai) in a minimum of 10 gallons of water per treated acre as a broadcast application to the soil prior to spear emergence. If spears have emerged, make an application after a clean harvest. Cover exposed plants with soil prior to application. Make application at least 14 days prior to harvest.

NOTE: Prior to use, refer below to the Directions sections for vegetable crops.

RESTRICTIONS

- **DO NOT** apply more than 2 2/3 pts (1.0 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply within 14 days of harvest.

BRASSICA HEAD AND STEM SUBGROUP 5-16

Including broccoli; broccoli, Chinese; brussels sprouts; cabbage; cabbage, Chinese (napa); cabbage, Chinese mustard; cauliflower; cavalo broccolo; kohlrabi

[optional headers for this section include any combination of the names of crops listed in Crop Group 5-16]

[note regarding optional text: UPL reserves the right to list some, all, or none of the applicable specific crop names on its commercial label]

For the suppression of annual grasses and broadleaf weeds (refer to Weeds Controlled table in the Vegetable Crops Section). Apply broadcast at 2/3 pint (0.25 lb ai)/A.

Direct Seeded Cabbage - apply broadcast at 2/3 pint (0.25 lb ai)/A.

Transplant Cabbage - apply broadcast at 2/3 to 1 1/3 pint (0.25 – 0.5 lb ai)/A. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found below

Transplant Broccoli - apply broadcast at 2/3 pints (0.25 lb ai)/A within 48 hours of transplanting broccoli.

NOTE: Prior to use, refer below to the Directions section for vegetable crops.

RESTRICTIONS

- **DO NOT** make more than one application per year.
- **DO NOT** apply within 45 days of harvest.
- **Direct seeded cabbage and transplant broccoli:**
 - **DO NOT** apply more than 2/3 pts (0.25 lb ai)/A per year or in a single application.
- **Transplant cabbage:**
 - **DO NOT** apply more than 1 1/3 pts (0.5 lb ai)/A per year or in a single application.
- **All transplanted brassica other than cabbage or broccoli:**

- **DO NOT** apply more than 2/3 pts (0.25 lb ai)/A per year or in a single application.

EDAMAME (Vegetable Soybean)

UP-STAGE 3CS herbicide may be applied as a soil applied treatment prior to weed emergence and after seeding for suppression or control of annual grass and broadleaf weeds in edamame. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section on the packaging label.

Apply 1 1/3 pints of UP-STAGE 3CS (0.5 lb ai) in a minimum of 10 gallons of water per treated acre as a broadcast application to the soil prior to weed emergence and after seeding.

EDAMAME RESTRICTIONS

- **DO NOT** apply more than 1 1/3 pts (0.5 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply within 14 days of harvest.

CUCURBIT VEGETABLES, CROP GROUP 9

[optional headers for this section include any combination of the names of crops listed in Crop Group 9]

Including cucumber, melon (cantaloupe, muskmelon, watermelon, other melons), pumpkin, summer and winter squash *[note regarding optional text: UPL reserves the right to list some, all, or none of the applicable specific crop names on its commercial label]*

For the suppression of annual grasses and broadleaf weeds (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 0.4 to 2/3 pint per acre. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found below.

RESTRICTIONS

- **DO NOT** apply more than 2/3 pts (0.25 lb ai)/A per application.
- **DO NOT** apply more than 2/3 pts (0.25 lb ai)/A per year.
- **DO NOT** make more than one application per year.

PEAS (SOUTHERN)

For the control or suppression of annual grasses and broadleaf weeds in Southern peas (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 1 1/3 pint (0.5 lb ai)/A.

NOTE: Prior to use, refer below to the Directions section for vegetable crops.

SOUTHERN PEAS RESTRICTIONS

- **DO NOT** apply more than 1 1/3 pts (0.5 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.

PEAS (SUCCULENT)

For the control or suppression of annual grasses and broadleaf weeds in succulent peas (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 1 1/3 pint (0.5 lb ai)/A.

NOTE: Prior to use, refer below to the Directions section for vegetable crops.

SUCCULENT PEAS RESTRICTIONS

- **DO NOT** apply more than 1 1/3 pts (0.5 lb ai)/A per year or in a single application.

- **DO NOT** make more than one application per year.

PEPPERS (Bell and Nonbell)

For the control or suppression of annual grasses and broadleaf weeds in peppers (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 2/3 to 2 2/3 pts (0.5 – 1.0 lb ai)/A. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found below.

NOTES: Prior to use, refer below to the Directions section for vegetable crops.

RESTRICTIONS

- **DO NOT** use on banana peppers.
- **DO NOT** apply more than 2 2/3 pts (1.0 lb ai)/A per application.
- **DO NOT** apply more than 2 2/3 pints (1.0 lb ai)/A per year.
- **DO NOT** make more than one application per year.

RHUBARB

For the control or suppression of annual grasses and broadleaf weeds in rhubarb (refer to Weeds Controlled table in the Vegetable Crops Section). Apply broadcast at 4.0 pts (1.5 lb ai)/A to dormant rhubarb prior to leaf emergence.

RHUBARB RESTRICTIONS

- **DO NOT** apply more than 4.0 pts (1.5 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.

SNAP BEANS (SUCCULENT)

For the suppression of annual grasses and broadleaf weeds in succulent snap beans (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 0.4 to 2/3 pint per acre. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found below.

NOTE: Prior to use, refer below to the Directions section for vegetable crops.

SNAP BEAN RESTRICTIONS

- **DO NOT** apply more than 2/3 pts (0.25 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply within 45 days of harvest for snap beans (succulent).

TUBEROUS AND CORM VEGETABLES (EXCEPT POTATO) SUBGROUP 1D

[optional headers for this section include any combination of crops listed within subgroup 1D]

Including Jerusalem artichoke, ginger, sweet potato, true yam *[note regarding optional text: UPL reserves the right to list some, all, or none of the applicable specific crop names on its commercial label]*

For the control of annual grasses and broadleaf weeds in sweet potatoes (refer to Weeds Controlled table in the Vegetable Crops Section), apply broadcast at 1 1/3 to 4.0 pts (0.5 – 1.5 lb ai)/A. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found below.

OR

Apply as a single application post transplant to the crop and prior to weed emergence at a maximum of 4.0 pts (1.5 lb ai)/A.

NOTE: Prior to use, refer below to the Directions section for vegetable crops.

RESTRICTIONS

- **DO NOT** apply more than 4.0 pts (1.5 lb ai)/A per year or in a single application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply within 125 days of harvest (or 125 days if more than 31/3 pints (1.25 lb ai)/A was applied).

SOIL TEXTURES*:

Coarse (light) soils:	sand, loamy sand, sandy loam
Medium soils:	loam, silt, silt loam, sandy clay, sandy clay loam
Fine (heavy) soils:	silty clay, clay loam, silty clay loam, clay

* Select lower to higher rates within the range noted in the vegetable crop listings based on lighter to heavier soil types within a textural group.

VEGETABLE REPLANTING INSTRUCTIONS

If initial seeding or transplants fail to produce the desired stand, vegetables may be replanted in a field treated with UP-STAGE 3CS alone. **DO NOT** retreat field with a second application of UP-STAGE 3CS. When tank mixing with a labeled product, refer to the replant instructions for that product. **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Restrictions on the UP-STAGE label. Where a tank mix is used refer to the product(s) labels for any additional replant instructions.

PEPPERMINT (Tops) and SPEARMINT (Tops)

Before applying UP-STAGE 3CS on peppermint and spearmint, users, growers and/or applicators must review the VEGETABLE DIRECTIONS found in the TERMS OF SALE OR USE section at the end of this label.

UP-STAGE 3CS herbicide may be utilized as a pre-emergent treatment for the control of annual grass and broadleaf weeds in peppermint and spearmint. UP-STAGE 3CS may be applied at the rate of 1.3 pts (0.5 lb ai)/A to the soil surface prior to the emergence of weeds and the initiation of new growth of peppermint and spearmint plants.

WEEDS CONTROLLED

<u>GRASSES</u>	<u>BROADLEAVES</u>
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Barnyardgrass* Crabgrass —Large* —Smooth* Foxtail —Giant* —Green* —Robust* Goosegrass* Panicum —Common* —Fall*	Galinsoga spp.* Lambsquarters* Spurred anoda* Velvetleaf Venice mallow*
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* Suppression/Partially Controlled

PEPPERMINT (Tops) AND SPEARMINT (Tops) RESTRICTIONS

- **DO NOT** apply more than 1 1/3 pts (0.5 lb ai) /A per year or in a single application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply within 84 days of harvest.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after UP-STAGE 3CS treatment.

Rotational Crop Restrictions

Rotate to crops as listed below. Refer to sections headed **Rotational Cropping Precautions** and **Product Information**.

NOTE: When using UP-STAGE 3CS with other herbicides registered for peppermint and spearmint, always refer to rotational restrictions and directions on the other product’s label.

<u>ANYTIME</u>	<u>9 MONTHS</u>	<u>12 MONTHS</u>	<u>16 MONTHS</u>
Cabbage (transplant)	All crops listed under ANYTIME	All crops listed under 9 MONTHS	All crops
Cotton*	<i>plus:</i>	<i>plus:</i>	
Peas	Beans (succulent & dry)	Tomatoes (direct seeded)	
Peppers	Cabbage (direct seeded)	Wheat	
Rice	Corn (Field, Pop, Seed, Sweet)		
Soybeans	Cotton		
Squash	Curcurbits		
Sweet Potatoes	Peanuts		
Tobacco	Potatoes		
Tuberous & Corm Veggies.	Sorghum		
	Sugar Beets		
	Tomatoes (Transplanted)		

Cover crops may be planted anytime but stand reductions may occur in some areas.

* Refer to the section “Requirements for Planting Time Applications” and “Replanting Instructions” in the use directions for cotton.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage

STORE ABOVE -4°F TO KEEP PRODUCT FROM FREEZING. If frozen, thaw before use. Observe recirculation directions under Mixing and Handling Instructions for Bulk/Mini-Bulk Containers.

Keep out of reach of children and animals. Store in original containers only. Store in a dry place. Carefully open containers. After partial use, replace lids and close tightly. **DO NOT** put concentrate or dilute material into food or drink containers.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: Dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling

Plastic Non-Refillable Containers: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable/Refillable Sealed Containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat rinsing procedure two more times.

Mini-Bulk Containers: These containers are property of UPL NA Inc and are returnable to UPL NA at UPL NA's discretion. These containers are provided for repackaging of UP-STAGE 3CS; do not fill with any other product.

Bulk Drums: UP-STAGE 3CS Bulk drums are returnable to UPL NA for reuse when the container is completely empty. Bulk drums containing product in excess of 1 gallon cannot be accepted for return.

Container Precautions

Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. After filling and before transporting, check for leaks.

Container Restrictions

Do not refill or transport a damaged or leaking container.

* Any dealer wishing to repackage UP-STAGE 3CS must comply with all Federal, State and local laws pertaining to bulk herbicide handling and possess a signed repackaging agreement from UPL NA.

Dealers Must Sell in Original Packages Only.**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT****CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of UPL NA Inc or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPL NA Inc and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPL NA Inc and Seller harmless for any claims relating to such factors.

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